

ABSTRACT

A housing (11) has a piston (17) inserted thereinto. A pull rod (12) is connected to the piston (17). An annular collet (13) is externally fitted onto the pull rod (12). When clamping, an engaging member (14) provided on a peripheral wall of the collet (13) is inserted into an engaging hole (2) of a workpiece (1) and the piston (17) is lowered. Then a tapered outer peripheral surface (12a) of the pull rod (12) 5 diametrically expands the engaging member (14) to engage it with the engaging hole (2) and the collet (13) slightly descends against a push spring (27). Thus a downward driving force acting on the pull rod (12) is transmitted to the workpiece (1) via the engaging member 10 (14) and the workpiece (1) is pulled and fixed to a support surface (S) of the housing (11). 15

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